Amendments to the Claims:

The listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A system of data management for a plurality of correlated data records, comprising:

a data verification module, verifying the data records according to the data

correlations and producing a plurality of verification results, each of the

verification results corresponds to one of the data records;

a data notation module, coupled to the data verification module, noting the

verification results in the corresponding data records; and

a data management module, coupled to the data notation module, managing the

data records according to the verification results,

wherein each of the verification results includes one of valid and invalid, each of

the verification result includes valid for the corresponding data record

when the corresponding data record can be applied to a data application

module, each of the verification result includes invalid for the

corresponding data record when the corresponding data record can not

be applied to the data application module, and one data correlation of a

first of the data records and a second of the data records being sequential

indicates that ~~the second data record is dependent from the first data~~

2

~~record~~ the second data record is made available only after the first data

record is available.

2.   (Previously Presented) The system as claimed in claim 1, further

comprising the data application module, coupled to the data verification module and the

data notation module, applying the data records whose verification results include valid.

3.   (Original) The system as claimed in claim 2, wherein the data correlations

are established according to correlations between the data records applied to the data

application modules.

4.   (Cancelled).

5.   (Currently Amended) The system as claimed in claim 3, wherein ~~the data~~

~~correlations are parallel only~~ one data correlation of a third of the data records and a

fourth of the data records being parallel only indicates that the third data record and the

fourth data record must be prepared before applying to the data application module, but

there are no correlation between the third data record and the fourth data record.

6.   (Currently Amended) The system as claimed in claim [[3]]5, wherein ~~the~~

~~data correlations are both sequential and parallel~~ one data correlation of a third of the

data records, a fourth of the data records, and a fourth of the data records being both

sequential and parallel indicates that the fifth data record is valid only after the third data

record and the fourth data record are valid for applying to the data application module, and the data correlation between fourth data record and the fifth data record is parallel.

7.   (Previously Presented) The system as claimed in claim 1, wherein each of the data records has a data record owner.

8.   (Original) The system as claimed in claim 7, wherein data management is enabled by the data management module sending the verification results to the data record owners.

9.   (Original) The system as claimed in claim 7, wherein data management is enabled by the data management module deleting the data records.

10.   (Original) The system as claimed in claim 1, wherein the data records are stored in at least one database.

11.   (Currently Amended) A method of data management for a plurality of correlated data records, comprising:

verifying the data records according to the data correlations and producing a

plurality of verification results, each of the verification results corresponds

to one of the data records;

noting the verification results in the corresponding data records; and

managing the data records according to the verification results,

wherein each of the verification results includes one of valid and invalid, each of

the verification result includes valid for the corresponding data record

when the corresponding data record can be applied to a data application

module, each of the verification result includes invalid for the

corresponding data record when the corresponding data record can not

be applied to the data application module, and one data correlation of a

first of the data records and a second of the data records being sequential

indicates that ~~the second data record is dependent from the first data~~

~~record~~ the second data record is made available only after the first data

record is available.

12.   (Previously Presented) The method as claimed in claim 11, further

comprising applying the data records whose verification results include valid to the data

application module.

13.   (Original) The method as claimed in claim 12, wherein the data

correlations are established according to correlations between the data records applied

by the data application modules.

14.   (Cancelled).

15.   (Currently Amended) The method as claimed in claim 13, wherein ~~the data~~

~~correlations are parallel only~~ one data correlation of a third of the data records and a

fourth of the data records being parallel only indicates that the third data record and the fourth data record must be prepared before applying to the data application module, but there are no correlation between the third data record and the fourth data record.

16. (Currently Amended) The method as claimed in claim [[13]]15, wherein ~~the data correlations are both sequential and parallel~~ one data correlation of a third of the data records, a fourth of the data records, and a fourth of the data records being both sequential and parallel indicates that the fifth data record is valid only after the third data record and the fourth data record are valid for applying to the data application module, and the data correlation between fourth data record and the fifth data record is parallel.

17. (Previously Presented) The method as claimed in claim 11, wherein each of the data records has a data record owner.

18. (Original) The method as claimed in claim 17, wherein data management is enabled by the data management module sending the verification results to the data record owners.

19. (Original) The method as claimed in claim 17, wherein data management is enabled by the data management module deleting the data records.

20.   (Original) The method as claimed in claim 11, wherein the data records are stored in at least one database.

21.   (Currently Amended) A database, comprising:

a data storage module, storing a plurality of correlated data records, and

a data operation module, coupled to the data storage module, operating the data

records, and further comprising:

a data verification module, verifying the data records according to the data

correlations and producing a plurality of verification results, each of the

verification results corresponds to one of the data records;

a data notation module, coupled to the data verification module, noting the

verification results in the corresponding data records; and

a data management module, coupled to the data notation module, managing the

data records according to the verification results,

wherein each of the verification results includes one of valid and invalid, each of

the verification result includes valid for the corresponding data record

when the corresponding data record can be applied to a data application

module, each of the verification result includes invalid for the

corresponding data record when the corresponding data record can not

be applied to the data application module, and one data correlation of a

first of the data records and a second of the data records being sequential

indicates that the second data record is dependent from the first data

~~record~~ the second data record is made available only after the first data record is available.

22.   (Previously Cancelled)

23.   (Previously Presented) The database as claimed in claim 21, wherein the data management module further comprises the data application module, coupled to the data verification module and the data notation module, and applying the data records whose verification results include valid.

24.   (Previously Presented) The database as claimed in claim 21, wherein the data correlations are established according to correlations between the data records applied to the data application modules.

25.   (Cancelled).

26.   (Currently Amended) The database as claimed in claim 24, wherein ~~the data correlations are parallel only~~ one data correlation of a third of the data records and a fourth of the data records being parallel only indicates that the third data record and the fourth data record must be prepared before applying to the data application module, but there are no correlation between the third data record and the fourth data record.

27.   (Currently Amended)   The database as claimed in claim [[24]]26, wherein ~~the data correlations are both sequential and parallel~~ one data correlation of a third of the data records, a fourth of the data records, and a fourth of the data records being both sequential and parallel indicates that the fifth data record is valid only after the third data record and the fourth data record are valid for applying to the data application module, and the data correlation between fourth data record and the fifth data record is parallel.

28.   (Previously Presented) The database as claimed in claim 21, wherein each of the data records has a data record owner.

29.   (Original) The database as claimed in claim 28, wherein data management is enabled by the data management module sending the verification results to the data record owners.

30.   (Original) The database as claimed in claim 28, wherein data management is enabled by the data management module deleting the data records.